

# **STATE OF CONNECTICUT**

## **Regulation of Environmental Protection**

### **Section 19-508-5. Methods for sampling, emission testing, and reporting**

- (a) All sampling, emission testing, and reporting shall be done in accordance with procedures prescribed by the Commissioner from time to time by regulation.
- (b) Sampling and emission testing methods.
  - (1) Analysis for the sulfur content of liquid fuels shall be done according to the most current American Society for Testing and Materials methods D 129 or D 1552.
  - (2) Analysis for sulfur content of solid fuel shall be done according to the most current American Society for Testing and Materials methods:
    - (i) Mechanical sampling by method D 2234.
    - (ii) Sample preparation by method D 2013.
    - (iii) Sample analysis by method D 3176 or D 3180.
  - (3) The emission testing method for sulfur dioxide emissions from stationary sources shall be that specified as Method 6 in Title 40 Code of Federal Regulations Part 60.
  - (4) The emission testing method for sulfur oxides emissions from sulfuric acid plants, and from any other source as the Commissioner shall determine by regulation, shall be that specified as Method 8 in Title 40 Code of Federal Regulations Part 60.
  - (5) The emission testing method for particulate emissions from all stationary sources shall be that specified as Method 5 in Title 40 Code of Federal Regulations Part 60.
  - (6) Emission tests for organic compound emissions shall be conducted in a manner approved by the Commissioner.

- (7) The emission testing method for nitrogen oxide emissions from stationary sources shall be that specified as Method 7 in Title 40 Code of Federal Regulations Part 60.
- (c) All emissions tests undertaken to comply with this section shall be made under the direction of persons qualified by training or experience in the field of sampling emissions from air pollution sources.
- (d) Sampling and emission testing methods as specified in subsection (b) may be modified or adjusted with the approval of the Commissioner as required by the specific sampling conditions or needs and in accordance with good engineering practice, judgment and experience.
- (e) (1) The owner or operator of a source of air pollution which would emit 100 tons per year or more of air pollutants if operated without the use of air pollution control equipment shall be required to carry out emission tests as prescribed by the Commissioner. Such test or tests shall be conducted at such intervals as the Commissioner may specify for an individual stationary source. As used in this subsection "air pollution control equipment" includes but is not limited to: baghouses; cyclone type separators; electrostatic precipitators; fume incinerators; scrubbers and combinations thereof.
- (e) (2) In addition to the emission tests required in subsection (e)(1) the Commissioner may require the owner or operator of any stationary source to conduct emission tests of emissions. Tests required under the provisions of subsection (e)(1) and this subsection shall be conducted in a manner satisfactory to the Commissioner and shall be conducted at the expense of the owner or operator of the pollution source being tested, and the Commissioner or his representative shall be entitled to observe the tests, including initial sampling, subsequent laboratory analysis, and other related procedures.